IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A vehicle seat assembly comprising:

a lower seat cushion with an upper surface and a lower surface;

a plurality of sensor assemblies positioned adjacent said lower surface of said lower seat cushion, said sensor assemblies responsive to a condition of said lower seat cushion; and

at least one reinforcing insert disposed between at least one of said sensor assemblies and said lower surface of said lower seat cushion, said at least one reinforcing insert having at least one indent adapted to receive at least one of said sensor assemblies,

wherein said lower surface includes at least one recess formed therein that is adapted to receive said at least one reinforcing insert.

2. (Original) A vehicle seat assembly as set forth in claim 1, wherein said at least one reinforcing insert is made out of a material chosen from a group consisting of plastic, non-woven fabric, expanded bead foam and urethane foam.

3. (Cancelled) A vehicle seat assembly as set forth in claim 1, wherein said at least one reinforcing insert includes at least one indent adapted to receive at least one of said sensor assemblies.

4. (Original) A vehicle seat assembly as set forth in claim 3, wherein said at least one indent is circular in shape.

5. (Original) A vehicle seat assembly as set forth in claim 1, wherein said at least one reinforcing insert has a U-shaped cross section.

6. (Cancelled)

7. (Original) A vehicle seat assembly as set forth in claim 1, wherein said lower seat cushion defines an inboard and an outboard side, and wherein said at least one reinforcing insert is positioned adjacent at least one of said inboard side and said outboard side of said lower seat cushion.

8. (Previously cancelled)

9. (Original) A vehicle seat assembly as set forth in claim 1, wherein said sensor assemblies each comprise a housing including a base and an upper slide member supported for movement toward and away from said base, wherein at least one of said upper slide members engages said at least one reinforcing insert.

10. (New) A vehicle seat assembly comprising:

a lower seat cushion with an upper surface and a lower surface;

a seat pan adapted to operatively support said lower seat cushion, said seat pan having a bolster that extends upward from said seat pan toward said lower surface;

a plurality of sensor assemblies positioned adjacent said lower surface of said lower seat cushion, said sensor assemblies responsive to a condition of said lower seat cushion; and

at least one reinforcing insert disposed between at least one of said sensor assemblies and said lower surface of said lower seat cushion,

wherein said lower surface includes at least one recess formed therein that is adapted to receive said at least one reinforcing insert and said at least one reinforcing insert corresponds to said bolster.

11. (New) A vehicle seat assembly as set forth in claim 10, wherein said at least one reinforcing insert is made out of a material chosen from a group consisting of plastic, non-woven fabric, expanded bead foam and urethane foam.

12. (New) A vehicle seat assembly as set forth in claim 10, wherein said at least one reinforcing insert includes at least one indent adapted to receive at least one of said sensor assemblies.

13. (New) A vehicle seat assembly as set forth in claim 12, wherein said at least one indent is circular in shape.

14. (New) A vehicle seat assembly as set forth in claim 10, wherein said at least one reinforcing insert has a U-shaped cross section.

15. (New) A vehicle seat assembly as set forth in claim 10, wherein said lower seat cushion defines an inboard and an outboard side, and wherein said at least one reinforcing insert is positioned adjacent at least one of said inboard side and said outboard side of said lower seat

cushion.

16. (New) A vehicle seat assembly as set forth in claim 10, wherein said sensor assemblies each comprise a housing including a base and an upper slide member supported for movement toward and away from said base, wherein at least one of said upper slide members engages said at least one reinforcing insert.

17. (New) A vehicle seat assembly comprising:

a lower seat cushion with an upper surface and a lower surface;

a plurality of sensor assemblies positioned adjacent said lower surface of said lower seat cushion, said sensor assemblies responsive to a condition of said lower seat cushion, said sensor assemblies each comprise a housing including a base and an upper slide member supported for movement toward and away from said base; and

at least one reinforcing insert disposed between at least one of said sensor assemblies and said lower surface of said lower seat cushion,

wherein said lower surface includes at least one recess formed therein that is adapted to receive said at least one reinforcing insert and at least one of said upper slide members engages said at least one reinforcing insert.

18. (New) A vehicle seat assembly as set forth in claim 17, wherein said at least one reinforcing insert is made out of a material chosen from a group consisting of plastic, non-woven fabric, expanded bead foam and urethane foam.

19. (New) A vehicle seat assembly as set forth in claim 17, wherein said at least one reinforcing insert has a U-shaped cross section.

20. (New) A vehicle seat assembly as set forth in claim 17, wherein said lower seat cushion defines an inboard and an outboard side, and wherein said at least one reinforcing insert is positioned adjacent at least one of said inboard side and said outboard side of said lower seat cushion.